

Title: US-10-574-297-2  
Perfect score: 737  
Sequence: 1 MSTPRFALHYASASVLLAAS.....GAATYNEPGRAYYATATVSF 737

RESULT 5  
AAU17558  
ID AAU17558 standard; protein; 228 AA.  
XX  
AC AAU17558;  
XX  
DT 07-NOV-2001 (first entry)  
XX  
DE Novel signal transduction pathway protein, Seq ID 1123.  
XX  
KW Neuroprotective; cytostatic; dermatological; immunosuppressive; tumour;  
KW antiinflammatory; anti-HIV; antibacterial; antiinflammatory; cancer;  
KW immune system disorder; rheumatoid arthritis; inflammatory condition;  
KW organ transplant rejection; infection; hepatitis C; blood disorder;  
KW sickle cell anaemia; hyperproliferative disorder; Gaucher's disease;  
KW neurodegenerative disorder; Alzheimer's disease; Parkinson's disease;  
KW chromosomal abnormality; Down syndrome; ischaemia; renal disorder;  
KW cardiovascular; respiratory; wound healing; endocrine; Addison's disease;  
KW reproductive system; gastrointestinal; liver disorder; AIDS;  
KW acquired immune deficiency syndrome.  
XX  
OS Homo sapiens.  
XX  
PN WO200154733-A1.  
XX  
PD 02-AUG-2001.  
XX  
PF 17-JAN-2001; 2001WO-US001312.  
XX  
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PR 11-DEC-2000; 2000US-0254097P.  
PR 05-JAN-2001; 2001US-0259678P.  
XX  
PA (HUMA-) HUMAN GENOME SCI INC.  
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PI Rosen CA, Barash SC, Ruben SM;  
XX  
DR WPI; 2001-465460/50.  
DR N-PSDB; AAS27475.  
XX  
PT Novel polypeptides useful for diagnosing, treating, preventing and/or  
PT prognosing disorders related to the proteins, including cancers, immune  
PT disorders and neuronal disorders.  
XX  
PS Claim 1; SEQ ID NO 1123; 880pp; English.  
XX  
CC The invention relates to novel isolated polypeptides (I), and  
CC polynucleotides (II). (I), (II) and the antibody to (I) are useful for  
CC diagnosing, preventing and treating diseases including immune system  
CC disorders (e.g. congenital and acquired immunodeficiencies, autoimmune  
CC disorders (e.g rheumatoid arthritis), inflammatory conditions, organ  
CC transplant rejections and graft versus host disease, infectious diseases  
CC (e.g. hepatitis C), bleeding disorders, haemoglobin abnormalities and  
CC other blood-related disorders (sickle cell anaemia), myeloproliferative  
CC disorders, primary haematopoietic disorders, hyperproliferative disorders  
CC (e.g. Gaucher's disease and cancer), neurodegenerative disorders (e.g.  
CC Alzheimer's disease, Parkinson's disease), chromosomal abnormalities  
CC (Down syndrome), ischaemic injury (e.g. stroke), renal disorders (e.g.  
CC glomerulonephritis), cardiovascular disorders (e.g. arrhythmia),  
CC respiratory disorders, dermatological disorders, in wound healing,  
CC epithelial cell proliferation, endocrine disorders (e.g. Addison's  
CC disease), reproductive system disorders, gastrointestinal disorder  
CC (inflammatory disorders), liver disorders (cirrhosis), as stimulators of  
CC B-cell responsiveness to pathogens, activators of T-cells, to induce  
CC higher affinity antibodies, and as a means to induce tumour proliferation  
CC in pathologies e.g. acquired immune deficiency syndrome (AIDS). AAU17059-  
CC AAU17683 represent novel signal transduction pathway protein, amino acid  
CC sequences of the invention  
XX

Query Match 2.6%; Score 19; DB 4; Length 228;  
Best Local Similarity 100.0%; Pred. No. 6.5e-10;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 104 DIRGMGPENTLILIDGKPV 122  
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Db

121 DIRGMGPENTLILIDGKPV 139